Service Update

50210 Antilock Brake System Missing DTCs



Reference Number: N162050210 Release Date: July 2016
GWM Number: 2050210 Revision: 00

Attention: This service update includes vehicles in dealer inventory and customer vehicles that return to the

dealership for any reason. This bulletin will expire at the end of the involved vehicle's New Vehicle Limited

Warranty period.

		Model Year		Model Year			
Make	Model	From	То	RPO	Description		
Cadillac	XT5	2017	2017				
GMC	Acadia						

Involved vehicles are marked "open" on the Investigate Vehicle History screen in GM Global Warranty Management system. This site should always be checked to confirm vehicle involvement prior to beginning any required inspections and/or repairs.

Condition	This bulletin provides a service procedure to update software for the electronic brake control module (EBCM) on certain 2017 model year Cadillac XT5 and GMC Acadia vehicles. These vehicles may have a condition where the EBCM does not notify the driver through an ABS or Electronic Stability Control (ESC) telltale or set the appropriate diagnostic trouble codes (DTC) if an open flyback diode condition, or a shorted dump transistor condition, is detected. ABS isolation functionality is disabled by the EBCM on affected wheel(s), and a shorted dump transistor will disable dump control, without notification to the
	driver.
Correction	Reprogram the electronic brake control module (EBCM).

Parts

No parts are required for this procedure.

Warranty Information

Labor		Labor	Trans.	Net
Operation	Description	Time	Туре	Item
9102359	Electronic Brake Control Module Reprogramming with SPS	0.3	ZFAT	N/A

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Service Procedure

Note: Carefully read and follow the instructions below.

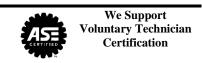
- Do NOT attempt to order the calibration number from GM Customer Care and Aftersales. The calibration numbers required for this service procedure are programmed into control modules via a Multiple Diagnostic Interface (MDI) with the calibration update. If you cannot access the calibration, call the Techline Customer Support Center and it will be provided.
- Do NOT program a control module unless directed to by a service procedure or a service bulletin. If the control
 module is not properly configured with the correct calibration software, the control module will not control all of
 the vehicle features properly.
- Ensure the programming tool is equipped with the latest software and is securely connected to the data link connector. If there is an interruption during programming, programming failure or control module damage may occur.
- Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will
 interrupt programming. When required, install the EL-49642 SPS Programming Support Tool to maintain system
 voltage. If not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage
 supply. DO NOT connect a battery charger.
- Turn OFF or disable systems that may put a load on the vehicles battery such as; interior lights, exterior lights (including daytime running lights), HVAC, radio, etc.
- During the programming procedure, follow the SPS prompts for the correct ignition switch position.
- Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicators to NO.
- 1. Install *EL-49642* SPS Programming Support Tool.
- 2. Access the Service Programming System (SPS) and follow the on-screen instructions.
- On the SPS Supported Controllers screen, select K17 Electronic Brake Control Module Programming and follow the on-screen instructions.
- 4. On the SPS Supported Controllers screen, select K17 Electronic Brake Control Module Configuration and Setup while following the on-screen instructions.
- At the end of programming, choose the "Clear All DTCs" function on the SPS screen.

Dealer Responsibility

Whenever a vehicle subject to this service update enters your vehicle inventory, or is in your facility for service in the future, and the vehicle is still covered under the New Vehicle Limited Warranty, you must take the steps necessary to be sure the service update correction has been made before selling or releasing the vehicle.

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this bulletin <u>must</u> be held and inspected/repaired per the service procedure of this bulletin <u>before</u> customers take possession of these vehicles. Involved vehicles must be held and not delivered to customers, dealer-traded, released to auction, used for demonstration, or any other purpose.

All GM Certified Used vehicles currently in the dealers' inventory within the Certified Pre-Owned Inventory System (CPOIS) will be de-certified and must be held and remedied per the service procedure in this bulletin. Upon submitting an accepted/paid warranty transaction in the Global Warranty Management (GWM) system, the vehicle can be re-certified for sale within the CPOIS system, or once again be used in the CTP program.



GLOBAL SAFETY FIELD INVESTIGATIONS DCS4104 URGENT - DISTRIBUTE IMMEDIATELY

Date: July 5, 2016

Subject: 50210 - Service Update

Antilock Brake System Missing DTCs

Models: 2017 Cadillac XT5

2017 GMC Acadia

To: All Cadillac and GMC Dealers

General Motors is releasing Service Update 50210 today. The total number of U.S. vehicles involved is approximately 21,753. Please see the attached bulletin for details.

Global Warranty Management (GWM)

The Investigate Vehicle History (IVH) screen in the GWM system will be updated July 6, 2016. A list of involved vehicles in dealer new inventory is attached to this message. Please hold all warranty transactions until the VIN appears in IVH.

END OF MESSAGE GLOBAL SAFETY FIELD INVESTIGATIONS